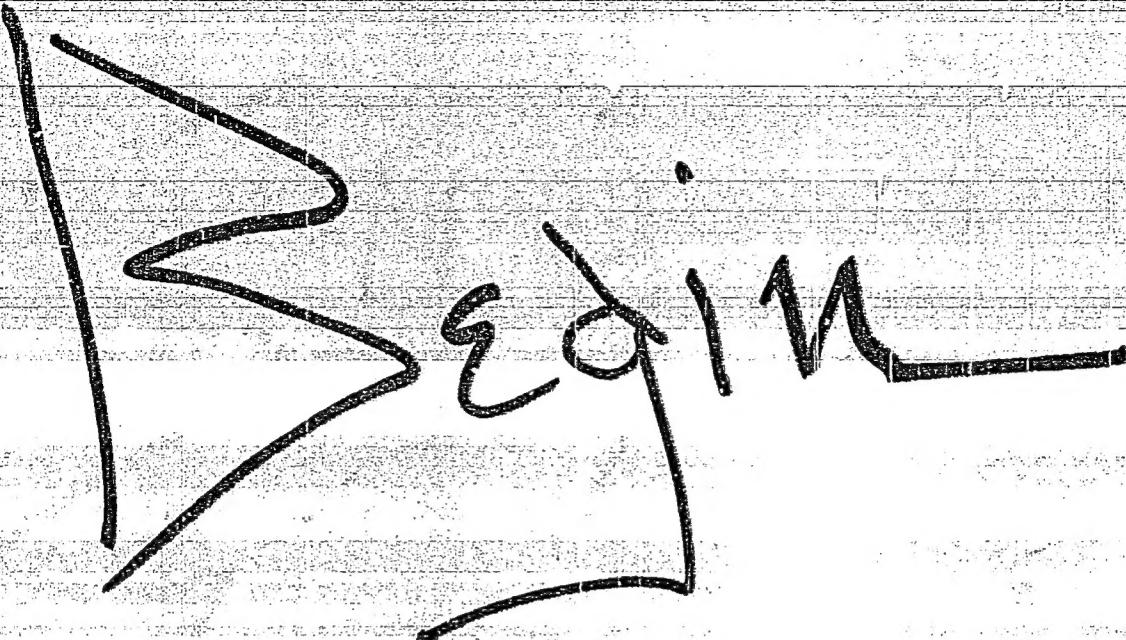


"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4



APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

REEL #801

Zenyuk Ye.

Country : USSR
Category: Cultivated Plants. Fodders.
Abs Jour: RZhBiol., № 22, 1958, № 100325
Author : Zenyuk, Yo.
Inst :
Title : Alfalfa-Clover Blends.

Orig Pub: S. kh. Kirgizii, 1957, No 8, 9-12

Abstract: Substitution of a part of alfalfa seeds with clover seeds when sowing, makes it possible to increase appreciably on the irrigated lands of Kirghizia the yields of the hay of the grasses and their agro-technical effect in crop rotation. In the first mowings of the blends, clover

Card : 1/3

Country : USSR
Category: Cultivated Plants. Fodders.

M

Abs Jour: RZhBiol., No 22, 1958, No 100325

predominates (or comprises a part of considerable amounts); in the subsequent mowings - alfalfa predominates. Alfalfa, somewhat inhibited by clover in the first mowing, reaches the same growth and vigor as in pure sowings to the extent of the decline of the clover. The best proportion of alfalfa and clover seeds is from 3:1 to 1:1. The sowing rate is 14-16 kilograms/ha. Variations in the proportion of the seeds are hardly reflected in the yield, but alfalfa is a more valuable component. The hay yields according to the years of life of the grasses comprised

Card : 2/3

M-80

Country : USSR
Category: Cultivated Plants. Fodders.

M

APPROVED FOR RELEASE 09/19/2001 CIA-RDP86-00513R001964510001-4
Abs Jour: RZhBiol., No 22, 1958, No 100325

(in centners/ha): Alfalfa, II-151.0; III-144.8; IV-142.8; V-109.0; Alfalfa-clover blend, II - 179.7; III - 115.7, IV - 157.6, V - 98.3. The yield of wheat on the alfalfa-clover bed comprised 106.9% in relation to the yield on the alfalfa bed. -- N.I. Grib

Card : 3/3

L 18791-63

EWT(d)/EWT(l)/EWP(q)/EWT(m)/BDS AFFTC/ASD JD/HW

ACCESSION NR: AP3007043

S/0147/63/000/003/0057/0069

AUTHOR: Zenukov, A. G.

57

TITLE: Calculating method and results of experimental investigation of air-cooled turbine blades

SOURCE: IVUZ. Aviatsionnaya tekhnika, no. 3, 1963, 57-69

TOPIC TAGS: air cooled turbine blade, turbine blade, turbine blade cooling, blade shell, blade cooling, blade core, temperature distribution, temperature field, heat transfer, cooling efficiency, turbine

ABSTRACT: A method for calculating the temperature in a turbine blade based on the use of a simplified representation of heat-transfer processes is presented. The blade is divided into four zones (see Fig. 1 of the Enclosure). It is assumed that the gas temperature in each zone is constant and that a mean heat-transfer coefficient may be used. Typical temperature profiles along the height of blade elements are shown in Fig. 2. Temperature card 1/3.

L 18791-63

ACCESSION NR: AP3007043

differences not exceeding 100K occurred in the temperature field of the blade core. The transverse temperature distribution in the blade at various gas temperatures (Fig. 3) shows that the highest temperature difference is 200K at gas temperature $t_g = 1313K$ and the smallest is 100K at $t_g = 873K$. These temperature gradients are attributed to cooling of the leading edge. The temperature difference in the transverse profile was found to be affected by the initial cooling-air temperature (t_a). An increase of t_a to 500K lowers the maximum difference to 150K. Special tests were made to evaluate the cooling efficiency of a given blade design at constant cooling-air flow rate and with t_a changing from 800 to 1300K. The variation of efficiency calculated as a function of temperature for the air-to-gas-flow ratio $G_a/G_g = 1.6$ is shown in Fig. 4. It is concluded that 1) the proposed method is sufficiently simple for engineering calculations; 2) the longitudinal temperature profile of a hollow blade with a dual cooling loop is uniform; 3) the transverse temperature profile of the investigated blade is not uniform and its design must be improved; and 4) the

Card 21B

L 18791-63

ACCESSION NR: AP3007043

cooling efficiency for the blade design investigated is satisfactory.
Orig. art. has: 12 figures and 36 formulas.

ASSOCIATION: none

SUBMITTED: 23Mar63 DATE ACQ: 07Oct63 ENCL: 02

SUB CODE: PR NO REF SOV: 006 OTHER: 001

Card 3/03

RASPOPOV, I.V.; LUKASHOV, G.G.; PLISKANOVSKIY, S.T.; ARTYUKHOV, B.N.;
TARASOV, D.A.; ARIKHBAYEV, V.V.; Prinimali uchastiye: ZENYUKOV,
V.P.; NEMTSOV, N.S.; GODLEVSKIY, A.I.; LEVCHENKO, G.F.;
DEGTYAREVA, Z.I.; GORLACH, A.A.; YAKUSHECHKIN, Ye.I.

Intensifying the sintering process by air preheating and by
improving the performance of exhaust fans. Stal' 23 no.8:
679-682 Ag '63. (MIRA 16:9)

1. Zhdanovskiy metallurgicheskiy institut i metallurgicheskiy
zavod "Azovstal'."
(Sintering)

ZENZIN, V.N.

137-58-5-9681

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 116 (USSR)

AUTHORS: Zenzin, V.N., Petrov, G. L., Bruk, B. I.

TITLE:

The Latest Achievements of the Scientific Research Organizations of Leningrad in the Welding of Alloy Steels (Noveyshiye dostizheniya nauchno-issledovatel'skikh organizatsiy Lenigrada v oblasti svarki legirovannykh stalei)

PERIODICAL: V sb.: Svarochnoye proiz-vо. Leningrad, Lenizdat, 1957,
pp 38-55

ABSTRACT: The results of investigations in the field of the welding of alloy steels, related to problems of the chemical inhomogeneity of welded joints, determination of a rational composition of austenitic heat-resistant facing metal, and study of the zone of fusion of welds of different steels, are presented. Radioactive isotope and metallographic methods of analysis were employed in the investigations.

B.V.

1. Alloy steels--Welding
2. Welded joints--Chemical properties
3. Welds--Properties

Card 1/1

/ GAVRILOV, A.K., kand.tekhn.nauk; ZENZIN, Yu.A., inzh.

Studying elements of the air conduit of the D-37M engine using
integrators based on electrohydrodynamic analogy. Trakt. i
sel'khozmash. no.237-9 F '65. (MIRA 18:4)

1. Sibirskiy avtomobil'no-dorozhnyy institut im. V.V.Kuybysheva.

ZENZIN, Yu.A.

Using the method of electromechanical analogy in correcting the
parameters of cylinder ribbing of an air-cooled engine. Avt.prom.
31 no.4:22-24 Ap '65. (MIRA 18:5)

1. Sibirs'kiy avtomobil'no-dorozhnyy institut im. V.V.Kuybysheva.

ZENZIN, Yu.A.; BOBROV, V.P.; GAVRILOV, A.K.; CHIRIK, P.I.; KATOL'NIK, V.M.

Stand for controlling the aerodynamic resistance of cylinders
and heads of air-cooled engines. Trakt. i sel'khozmash. no.8;
14-15 Ag. '65. (MIRA 18:10)

1. Sibirskiy avtomobil'no-dorozhnyy institut im. V.V. Kuybysheva
i Vladimirskiy traktornyy zavod im. A.A. Zhdanova.

I, 07863-67 EWT(d)/EWT(1)/EWP(m)/EWT(m)/EWP(f)/EWP(c)/EWP(v)/EWP(k)/EWP(l) IJF(c)
ACC NR: AP6011246 FDN SOURCE CODE: UR/0413/66/000/006/0090/0090

AUTHORS: Zenzin, Yu. A.; Bobrov, V. P.; Gavrilov, A. K.; Chirik, P. I.; Katol'nik,
V. M.

ORG: none

TITLE: An aerodynamic chamber for inspecting the cylinders and heads of internal
combustion engines by their aerodynamic resistance. Class 42, No. 179965

SOURCE: Izobreteniya, promyshlennyye obrastsy, tovarnyye znaki, no. 6, 1966, 90

TOPIC-TAOS: aerodynamic test, aerodynamics, internal combustion engine, high pressure
chamber

ABSTRACT: This Author Certificate presents an aerodynamic chamber for inspecting the
cylinders and heads of internal combustion engines by their aerodynamic resistance.
The chamber is connected to a measuring pipe which contains a throttle provided with
a device for holding the inspected object and with a U-shaped liquid manometer. The
latter records the pressure at the entrance to the measuring pipe, this pressure
being indicative of the aerodynamic resistance offered by the inspected object. To
provide a means for marking the object being inspected, the device contains a marking
equipment with several scribes capable of producing a symbol corresponding to a
given aerodynamic resistance. The liquid manometer of the pipe is provided along its

UDC: 620.533.607

Card 1/2

L-07863-67

ACC NR: AP6011246

height with photoresistors responding to the movement of the liquid level. The number of these photoresistors is equal to the number of scribes, and each resistor is electrically connected with one of the markers. To check the pressure in the chamber, a single photoresistor may be placed on the liquid manometer of the chamber and may be electrically connected to the marking device.

SUB CODE: 2013/

SUBM DATE: 04May64

Card 2/2 bc

ZENZINOV, B.

The Soviet Arctic (Russian Review, Spring 1944, p.65-73).

Brief description of some features of Soviet economic developments of USSR's Arctic regions. Some data on growth of sea and air transport during the 1930's.

DLC: DK1.R82

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

ZENZINOV, B.

The Soviet Arctic. (Russian Review, Spring 1944, p. 65-73).

Brief description of some features of Soviet economic developments of USSR's arctic regions. Some data on growth of sea and air transport during the 1930's

DLC: DK1.R82

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

ZENZINOV, B.

The soviet Arctic. (Russian Review, Spring 1944, p. 65-73).

Brief description fo some features of Soviet economic developments of Ussr's Arctic regions. Some data on growth of sea and air transport during the 1930(s).

DLC: DK1.R82

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

ZENZINOV, G.S.

Diagnosis of infarcts of the interventricular septum. Ter. arkh.,
Moskva 25 no. 1:44-55 Jan-Feb 1953. (CIMA 24:1)

1. Of the Hospital Therapeutic Clinic (Head -- Prof. M. B. Mandel'-
shtam), Leningrad Pediatric Medical Institute.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4

AL'BREKHT, V.G., doktor tekhn.nauk, prof.; ZENZINOV, N.A., inzh.

Characteristics of a track during the initial period of its
stabilization. Transp. stroi. 14 no.8:10-12 Ag '64.
(MIRA 18:1)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

ZENZINOV, N.A., ing., prof.

Machines pulled by tractors for laying rails. Rev cailor fer 11
no.4:223-225 Ap '63.

I. M.I.I.T., Moscova.

ZENZINOV, N. mernok (Moszkva)

Soviet-made tractor for track laying. Vasut 13 no.4:
24-25 Ap '63.

ERDELY, Imre; HAJNAL, Lajos; FERENCZY, Pal, fomernok; TAMAS, Ferenc,
dr.; SVEHLA, Gyula, dr.; TRAGER, Tamas; BERNOLAK, Bela;
ZEOLD, Istvan; KAKASY, Gyula; SAJO, Istvan, dr.

Society life. Epitoanyag 16 no. 2:66 F '64. Epitoanyag 16
no. 2:66 F '64.

1. "Epitoanyag" szerkeszto bizottsagi tagja (for Erdely and
Tamas).

ZEGLINSKA, Z.

"The garden of Tatra Mountain Plants in Zakopane."

p. 3 (Chrony Przyrody Ojczysta) Vol. 14, No. 3, May/June, 1958. Krakow, Poland.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8 No. 1, Jan. 1959.

ZEGRAL, M.; RUDINGER, J.; SORM, F.

"Amino Acids and Peptides. VIII. Peptides of -Diaminobutyric Acid." p. 530.
(COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS. SBORNÍK ČESkoslovenských
Khimických Rabot. Vol. 18, no. 4, Aug. 1953; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

ZIOLKOWSKI, Stanislaw, inz.; ZEP, Ireneusz, mgr inz.

Attempts of using shaped foundry coke for the melting of copper
alloys. Przegl odlew 12 no.11:358-359 N '62.

1. ZEPALOV, S.M.
2. USSR (600)
- 3.
4. Afforestation - Kamyshin District
- 5.
- 6.
7. 50 years of afforestation in Kamyshin District, Les.khoz. 6 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953. Unclassified.

1. ZEPALOV, S. M.
2. USSR (600)
4. Kamyshin District - Afforestation
7. 50 years of afforestation in Kamyshin District, Les. khon., 6, no. 3, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

१८८

B-2-3

Synthesis of [photographic] developers. I. F.
Hydroxymethylglycine. I. V. Kulikov and I. A.
ZEPALOV, MIRKALOVA (J. Gen. Chem. Russ., 1932, 2,
730-735).—The optimum conditions for the production
of this compound (85% yield) from p -C₆H₅(NH₂)OH
and CH_3COCl — $\text{Na}(1)$ ($\text{A}.$, 1884, 114) are a 10% excess
more solv. by-product, m.p. 188°. Small amounts of a
developer are produced. (G. A. R. K.)

ASH-164 METALLURGICAL LITERATURE CLASSIFICATION

88611 034870
884131 CHG CHG -81

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

Benzonitrile. M. S. Rudnitskaya and L. A. Zepelova-Mikhailova. *J. Applied Chem. (U. S. S. R.)* 6: 274-7 (1933). - PhCN was prep'd. as follows: (I) Prepn. of the complex salt. To 275 g. of com. CuSO_4 (100.5 g.%) in 400 cc. H_2O (70-80°) is added in a no. of batches 280 g. of KCN (100% precip.). In 400 cc. H_2O , 180 g. of NH_3 (NH₃ having been previously added to the KCN soln.). The ppt., which is formed in the course of the reaction finally redissolves. (II) Diamatization. Aniline (180 g.) is gradually added under const. agitation to 80 g. (400 cc.) of HCl (d. 1.14) with cooling, the aniline gradually dissolving. The agitation is continued until a temp. of 20-25° is reached, when a ppt. of aniline-HCl appears. The agitation is still continued and ice is added to the substance and the temp. brought down to 2° to 0°, and finally to -15° to -20°. One hundred and thirty-eight g. of NaNO_2 in 80 g. H_2O and 140 g. ice are added and the temp. is raised to 2°; this is followed by the addition of 115 g. of HCl. (III) Steam distillation of the addition of NaCl with the preliminary addn. of ether to the PhCN. The ether soln. is washed of the latter from the wash water and with water till neutral, dried with CaCl_2 and dried in ovens after distg. off the ether. The air passed through the substance is dried with CaCl_2 and P_2O_5 . The yield is 71% of a product of which 81% b. d_{18}° 1.0004, d₁₈²⁵ 1.00485. These constns. are in agreement with those of Perquin. The appended literature index contains 32 references.

A. A. Buehling

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

The preparation of nitrobenzene with a maximum specific resistance. I. Zepakova-Mikulecova. Trans. Inst. Pure Chem., Research (C.S.R.R.), N.I.C. 14, 49-87 (1958).—Nitrobenzene (I) with a sp. resistivity (ρ) of about 10¹⁰ ohms per cc. was desired for special purposes in television. A freshly dried sample of I having phys. const. as given in the literature had $\rho = 4.20 \times 10^9$ ohms/cc. at a potential of 155.5 v.; before distn. it had 2.23×10^9 (871 v.), and 9.74 x 10⁸ (88.5 v.); before distn. it had 7.13 x 10⁸ (870 v.) and 3.62 x 10⁸ (88.5 v.). After treatment with Al₂O₃, drying over P₂O₅ and distn., it had 1.86 x 10⁸ (722 v.) and 1.27 x 10⁸ (133 v.); after treatment with Ag₂O, drying over CaCl₂ and distn., 0.4 x 10⁸ (870 v.) and 1.75 x 10⁸ (133 v.); and this last, when redistn. again, 0.44 x 10⁸ (870 v.) and 4.24 x 10⁸ (100.8 v.).

When I was steam-distilled, in the presence of N NaOH the sample of I retained had $\sigma \cdot 10^4$. However, when $C_6H_5NO_2$ (NO₂) is absent, the passage of an elec. current through (MnO₂ v.) to 2.73 $\times 10^4$ (18.20 v.) varied from 2.27 $\times 10^4$ (11.16 $\times 10^4$ and 0.98 $\times 10^4$ at 11.97 v.). When I was partially frozen, the liquid portion had a higher σ than the solid. From PHB under mild conditions (30°, excess H₂SO₄, 98%), theoretical quantity HNO₂ (σ 10⁴) from I samples obtained by various methods of purification were always unstable in that a decreased on storage. The numerous of different types of glass in the app. for the prep., did not solve the difficulty. I prep'd. from ρ -NO₂C₆H₄NH₂ in boiling AcOH, const. AcONa equiv. to H₂SO₄ v.), 1.93 $\times 10^4$ (47.8 v.) and 1.30 $\times 10^4$ (137.2 v.). The σ of this product also decreased on standing.

Lewis W. Blue

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

Critical solution temperatures of certain alcohols. I.
A. Zepalova-Mikhailova. Trans. Inst. Pure Chem.,
Kiev Univ. (U.S.S.R.) No. 15, 3-19(1937).—The solu-
bilities and curves of crit. temp. of solv. are shown for
(1) bisodetyl (II) in abs. R(OH) and
(2) paraffin oil, d₄ 0.8723, in abs. PrOH and iso-PrOH.
An increase of 0.1% of crit. temp. of solv. corresponds to
presence of moisture affects the increase of crit. temp. of
solv., considerably and that of abs. R(OH) but very little.
Modified standard procedures for the prepn. of the alco-
hols, and I are given. The consts. of these products are
in accord with the published data. Sixty references.
Chas. Blane.

Bibliometric investigation of pure liquids. I. Zemel'cova, Mikhalkina. *Trans. Inst. Pure Chem. Research* (U. S. S. R.) No. 16, 7-72 (1939); *Khim. Referat. Zhur.* 1939, No. 3, 70-11.—By using a Swietoslawski ebulliometer Δt (difference between the b. p. and the condensation temp.) which characterizes the degree of purity of a substance Z_{m} , proved the limiting purity, V , (degree of purity on the Swietoslawski scale) of methyl, ethyl, propyl, isopropyl, butyl and isobutyl aks., acetone and $\text{C}_6\text{H}_5\text{Br}$. The constants of propyl, isopropyl and butyl aks. were identical with those obtained by Timmermans. The d_{40}^{20} (in cm^3/g) of the limiting-pure EtOH was 0.70357; the values obtained by Mendeleev and Doroshevskii are erroneous. The d_4 , of methyl and isobutyl aks. were slightly different from those of Timmermans. The ebulliometric constants were very sensitive to the presence of smallest amounts of impurities. The technique of ebulliometry is described, and consists of the synthesized limiting-pure liquids and methods of their synthesis are given.

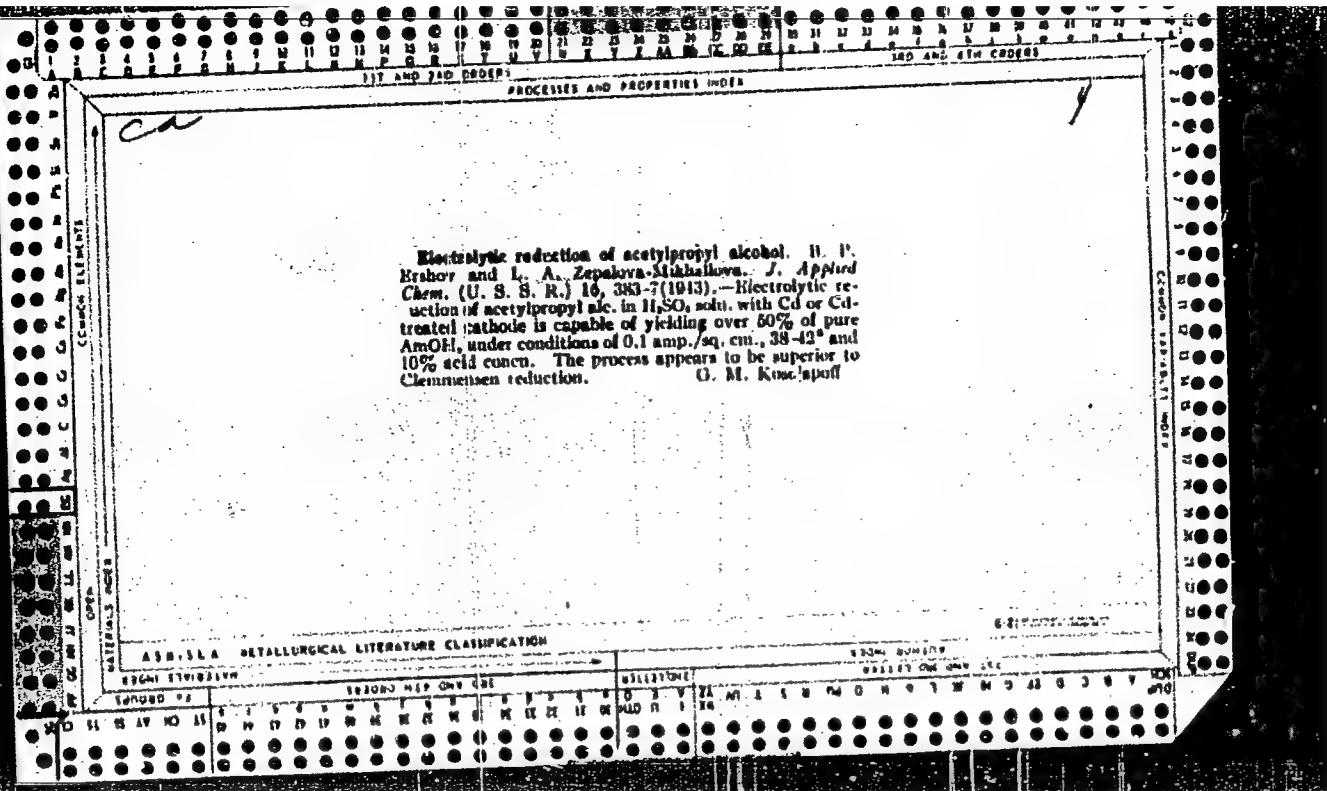
W. R. Henn

ASM-SEA METALLURGICAL LITERATURE CLASSIFICATION

AVIATION WEEK

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"



ZEPCHLA, W.

"Influence of Low Temperatures on the Development of Yeast." p. 150, (Roczniki Nauk
ROLNICZYCH. SERIA A-ROSLINNA, Vol. 66, no. 3, 1953, Warsaw, Poland).

SO: Monthly List of East European Acces sion, Lib of Congress, Vol 2, no 19 Oct. 1953, Uncl.

ZEPE M. D.

USSSR/Physics - Spectral analysis

Card 1/1 Pub. 43 - 24/62

Authors : Zepe, M. D.

Title : Connection between combined diffusion spectra and electron spectra of molecules

Periodical : Izv. AN SSSR. Ser. fiz. 18/6, 684-685, Nov-Dec 1954

Abstract : The mathematical procedure, the formulas and functions, necessary for the determination of the bond between the spectra of combined diffusion and the electron spectra of molecules are explained. The adoption of linear approximations in the calculations is discussed.

Institution : Acad. of Sc., Latv. SSR, Physics Inst.

Submitted :

ZEPE, Milda; FELDHUNE, A., red.; ZUKOVSKA, A., tekhn. red.

[Cosmic rays] Kosmiskie stari. Riga, Latvijas PSR. Zinatnu
akademijas izdevnieciba, 1957. 77 p. (MIRA 15:3)
(Cosmic rays)

AUTHORS: Gorbacheva, I. N., Lerner, M. I.,
Zapesochnaya, G. G., Varnakova, L. P.,
Preobrazhenskiy, N. A.

79-12-35/43

TITLE: Investigations in the Field of the Synthesis of the
Alkaloid Magnolamine (Issledovaniye v oblasti sinteza alkaloida
Magnolamina).

PERIODICAL: Zhurnal Obshchey Khimii, 1957, Vol. 27, Nr 12,
pp. 3353-3357 (USSR)

ABSTRACT: On the basis of the investigations conducted by the
authors, the formula I was proposed for magnolamine in this
paper. By a complete synthesis it was possible to establish
the structure of this alkaloid definitively. In the present
investigation it was succeeded to produce the basic inter-
mediate product of the synthesis of the dimethylether of
magnolamine. By means of a condensation of the dichlorine
anhydride of the 3,4 - dimethoxy - 4,6 - dicarboxymethyl
diphenylether (formula II) with - (3 - methoxy - 4 -
benzyloxy) - phenylethylamine (formula III) the diamide
was obtained (formula IV) the simultaneous closing of the
two isoquinoline rings lead to the dichloric hydrate of the
3,4 - dimethoxy - 4",6' - [bi - (6 - methoxy - 7 - benzyl-

Card 1/2

Investigations in the Field of the Synthesis of the Alkaloid Magnolamine 79-12-35/43

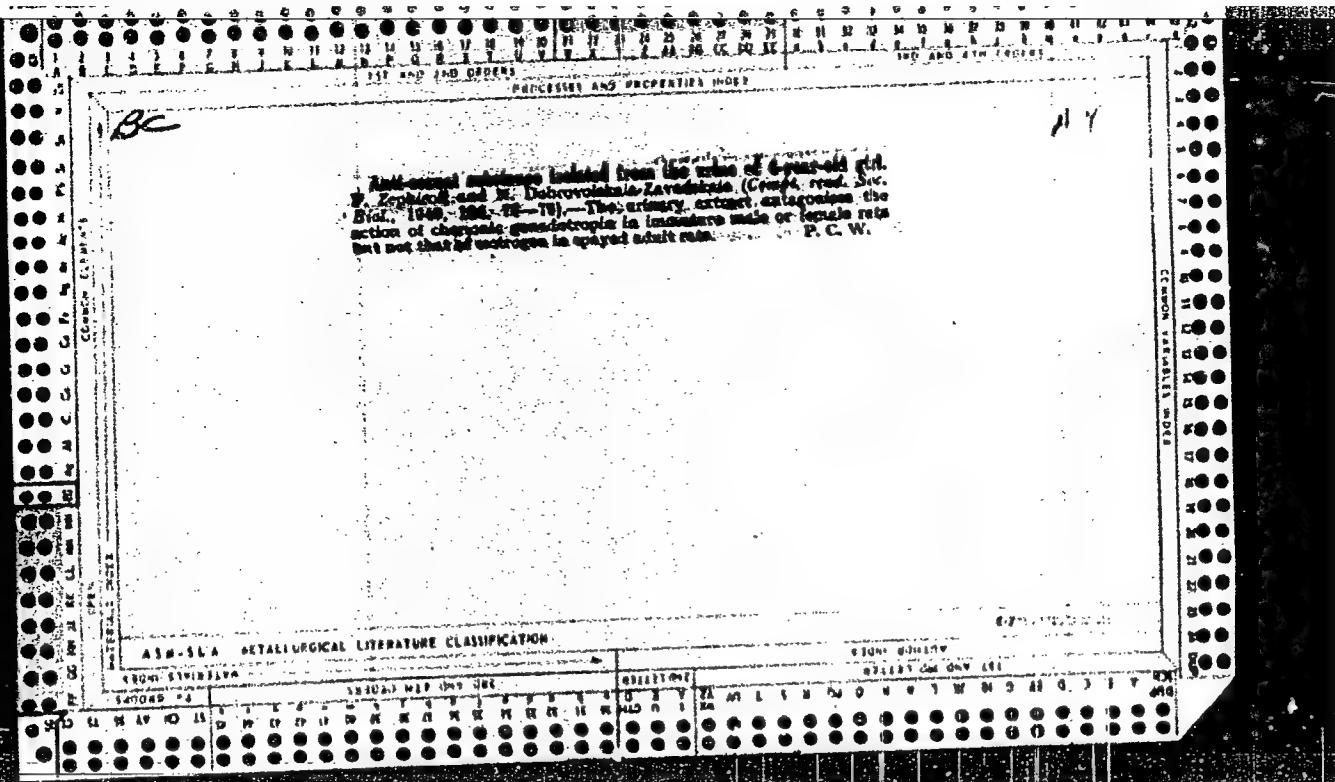
oxi) - 3,4 dihydro - isoquinoly[e] - dimethylphenylether (formula V). A further hydration, a methylation and a removal of the benzyl residua must lead to the dioxymethyl-ether of the magnolamine. The 3,4 - dimethoxy - 4',6 - dicarboxymethyldiphenylether (formula II) was produced by two methods. The further reaction process is represented by the formulae VI, VII, VIII, and IX. From this it appears, that a basic intermediate product of the synthesis of the dimethylether of the alkaloid magnolamine has been synthesized. There are 6 references, 2 of which are Slavic.

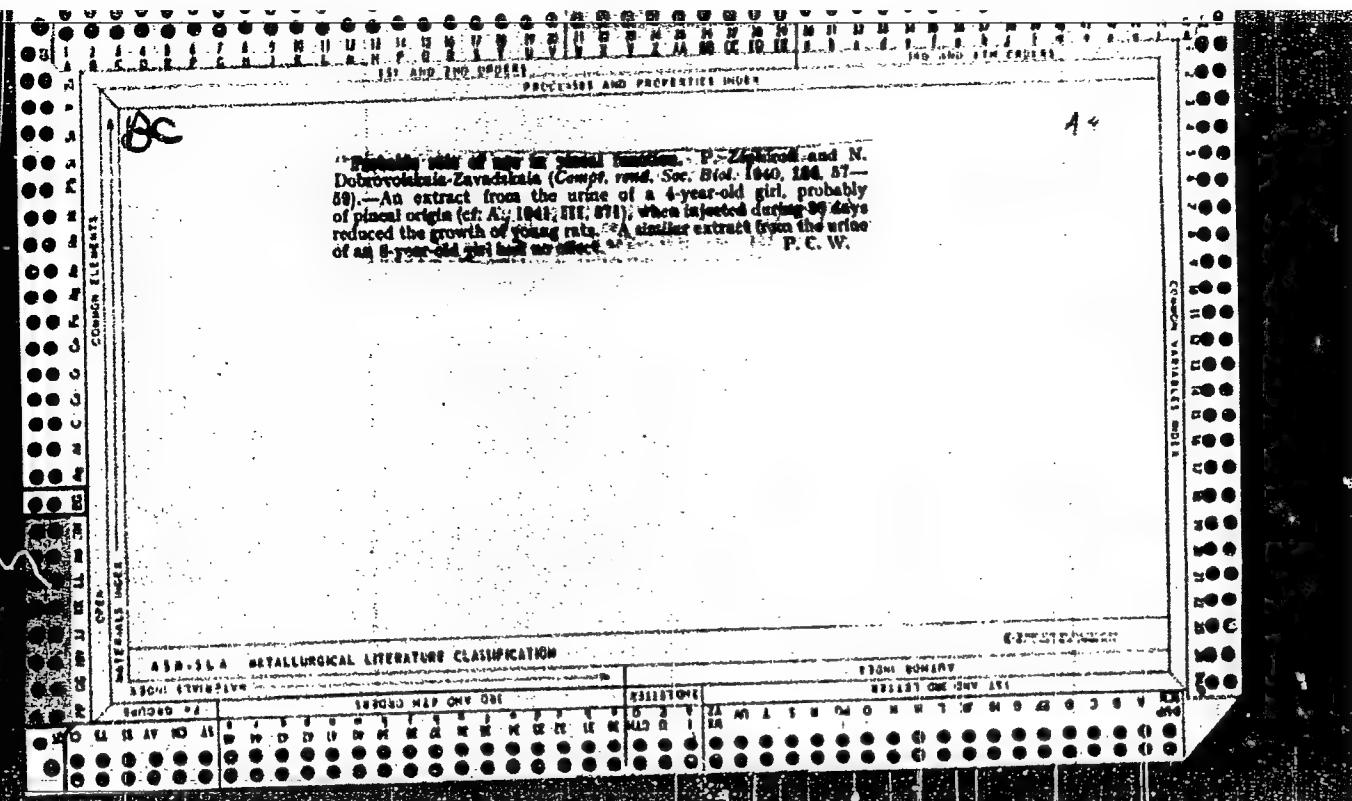
ASSOCIATION: Moscow Institute of Fine Chemical Technology
(Moskovskiy institut tonkoy khimicheskoy tekhnologii).

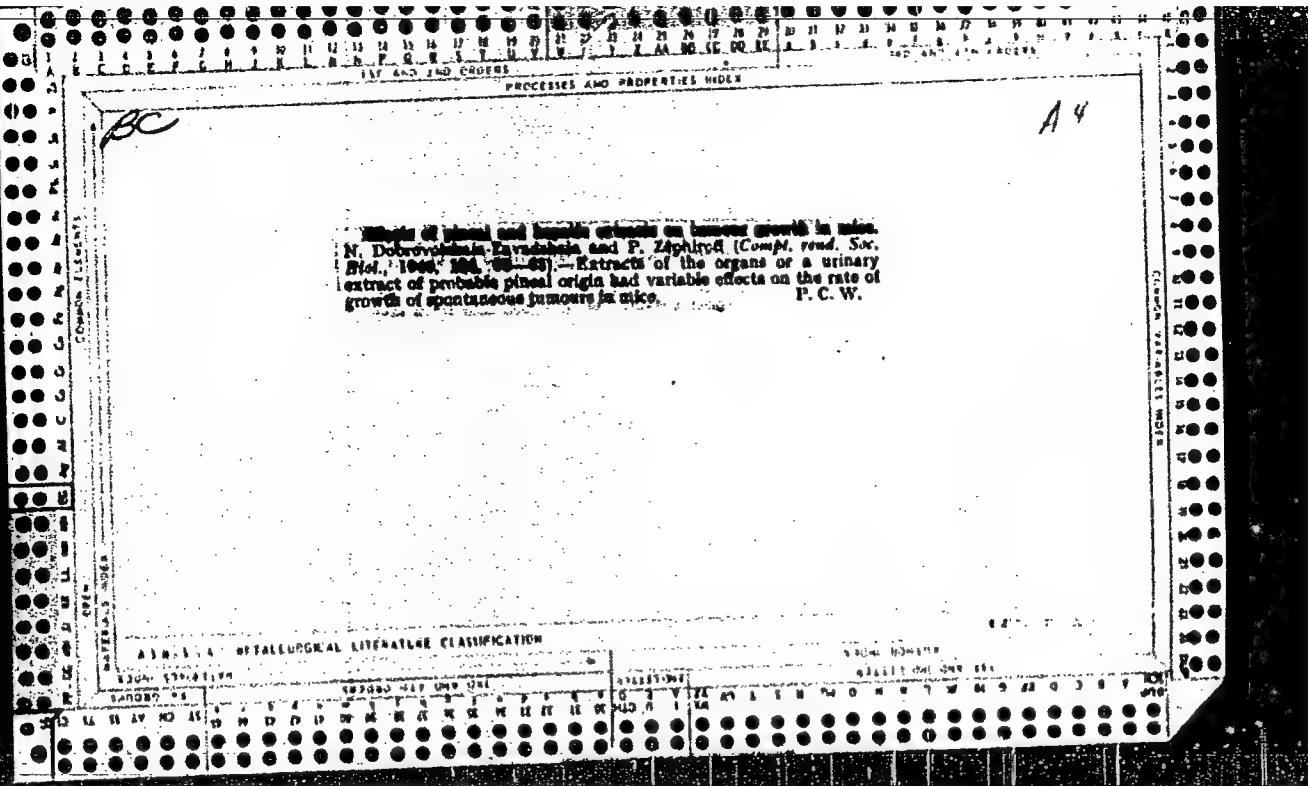
SUBMITTED: August 21, 1956

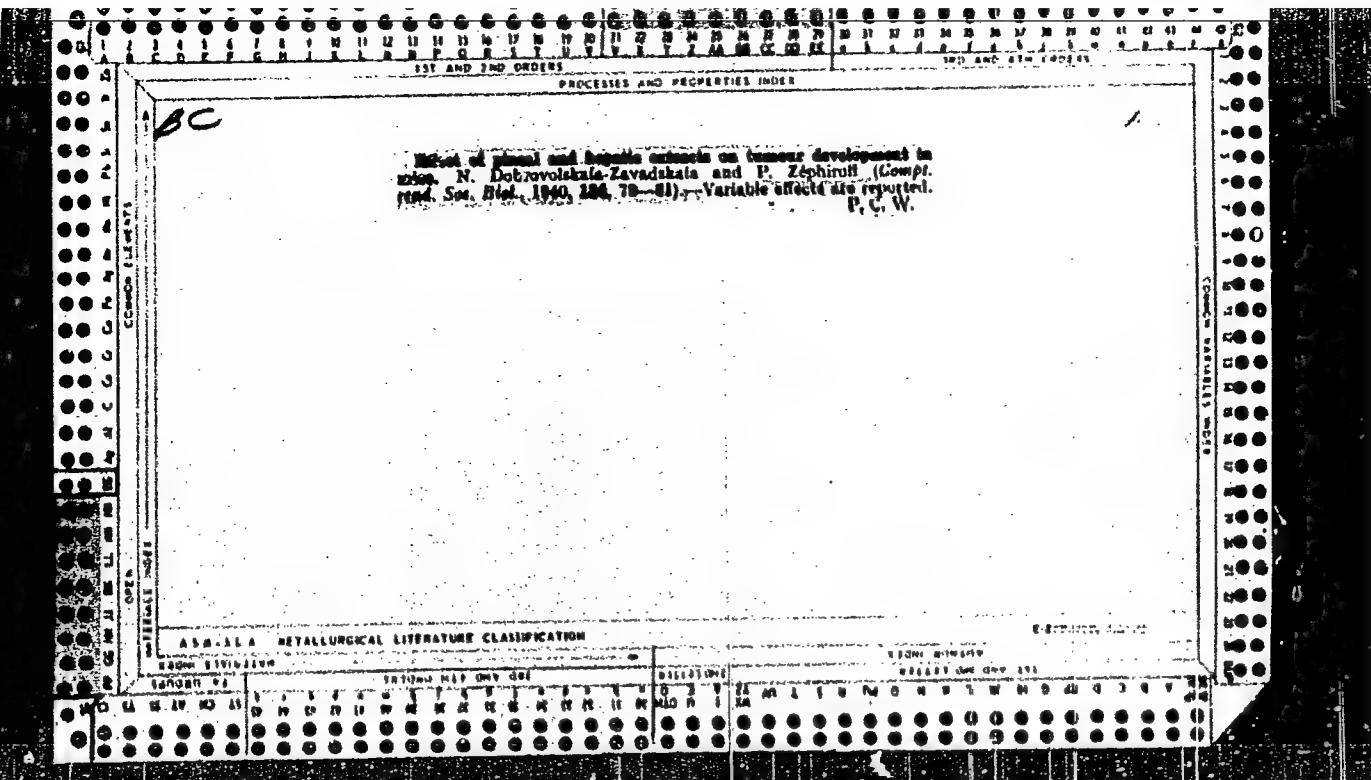
AVAILABLE: Library of Congress

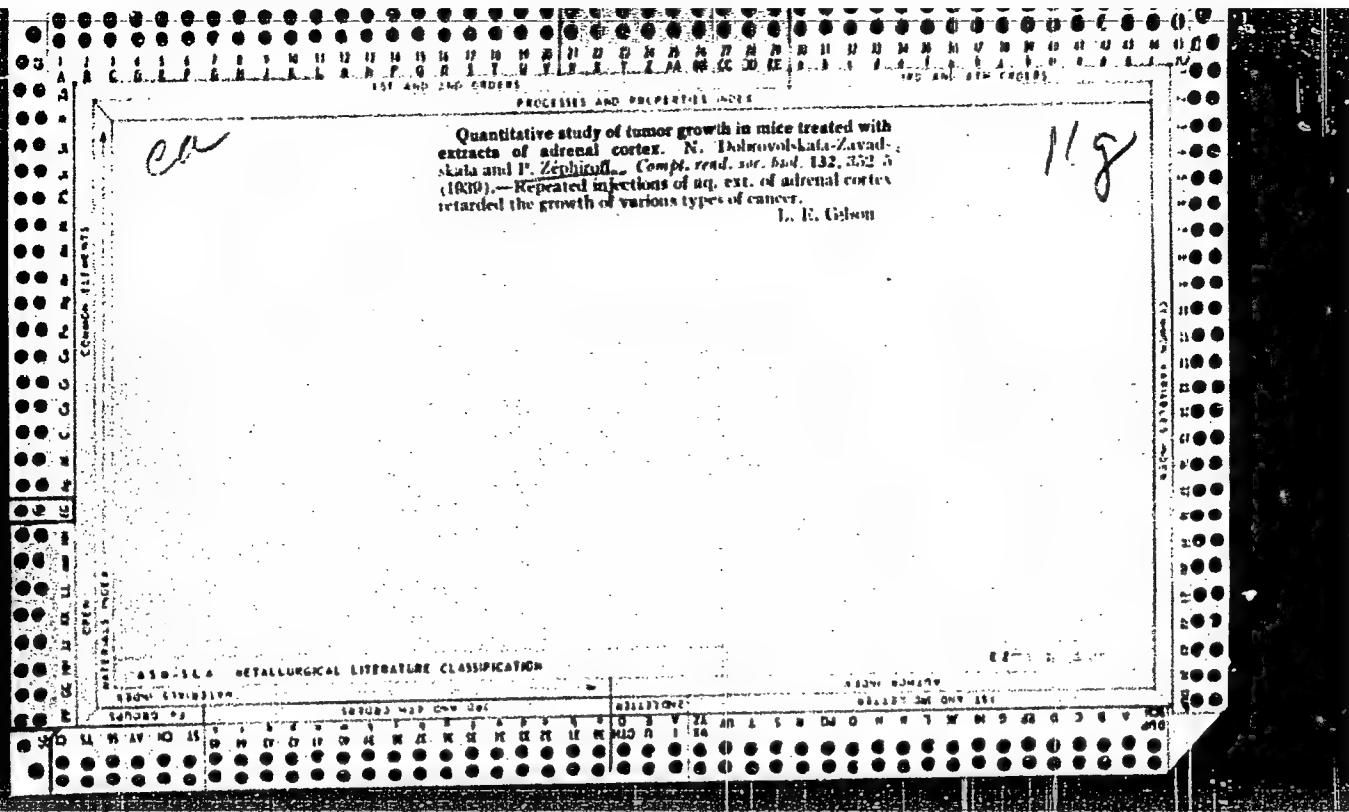
Card 2/2 1. Magnolamine - Synthesis 2. Alkaloids - Synthesis











ZEPIC, J.

Interlocking capacity of the switches of a low-tension and alternating-current motor, with special regard to contactors with silver contact. In French and Slovenian. p. al9.

Periodical: ELEKTROTEHNISKI VESTNIK

Vol. 26, no. 7/8, 1958.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

ZEPIC, V.

"The World Power Conference; its work during the session in Belgrade, June 1957."

p. 259 (Energija) Vol. 6, no. 9/10, Sept./Oct. 1957
Zagreb, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4

ZEPIC, Vladimir

Forty years of the activities of the World Power Conference.
Elektroprivreda 17 no.7/8:315-317 Jl-Ag '64.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

8(6)

YUG/3-59-1-15/26

AUTHOR: Žepić, V., Engineer, Professor

TITLE: Visit of Mr. William L Newmeyer, Expert from American Technical Aid, to the Yugoslavian Public Electricity Supply (Poseta G. Williama L. Newmeyeera, stručnjaka američke tehničke pomoći jugoslovenskoj elektroprivredi)

PERIODICAL: Elektroprivreda, 1959, Nr 1, pp 39 - 40 (YUG)

ABSTRACT: The article discusses the visit of Mr. Newmeyer, and gives a brief summary of the problems he discussed.

Card 1/1

ZEPIC, Vladimir, prof. inz.

Size and importance of the hydroelectric power plant "Split."
Tesla 9 no.3:7-10 '62.

1. Zajednica elektroprivrednih poduzeca Hrvatske, Zagreb,
Proleterskih brigada 37.

ZEPIC, Vladimir, prof. inz.

Prof. Dr. Eng. Milan Vidmar; obituary. Energija Hrv 11 no.9/10;
281-282 no.9/10:281-282 '62.

1. Clan Urednickog odbora, "Energija".

ADAMSKI, Czeslaw, doc. dr inz.; ZIOLKOWSKI, Stanislaw, inz.; ZEP
Ireneusz, mgr inz.

Influence of the melting technology on the mechanical
properties and structure of special Cu54Mn4Fe11Sn11Zn bronze.
Przegl odlew 13 no. 12:328-332 D '63.

ZEPKOVA G. H.
CA

CA

Concentration of vitamin C in certain plant species of central Asia. G. A. Zepkova. *Compt. rend. acad. sci. U.R.S.S.* 48, 685-8 (1958) (in English).—Altitude and light effects on various plant species were studied. Of the wild alpine species of plants, Rosaceae and Papilionaceae contain the greatest amt. of vitamin C (I). As their habitats extd. to higher altitudes, *Rosa albertii* and *Malus tianschanica* showed a gradual increase in the content of I. During fruitification, the leaves of *Rosa* spp. and *Malus pumila* contained very little I; this indicates a migration of I from the leaves to the fruits; thus the fruits should be harvested when fully ripe. The content of I fluctuates during the day, being a max. around noontime. The fruits should be dried in the shade since sun radiation decomposes ascorbic acid. H. M. Kascher

118

Cent. Asian State Univ.

AM-SEA METALLURGICAL LITERATURE CLASSIFICATION

ZONE 800118

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"

ZEPHYAYEV, P.P.

"Similitude Properties of Electric Circuits with Constant Parameters,"

Dok. AN, 30, No. 4, 1941. Mbr., Inst. Precision Mechanics and Optics,

Leningrad, -1941-.

POLAND/Pharmacology and Toxicology - Cardiovascular Agents.

v-6

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98548

Author : Zera, Edmund; Jagielski, Stanislaw

Inst :

Title : Restoration of Sinus Rhythms in Patients with Auricular Fibrillation by Means of Quinidine.

Orig Pub : Polski tygod. lekar., 1957, 12, No 23, 867-871

Abstract : Results of treatment with quinidine sulfate (0.6-4 g daily) of 96 patients with auricular fibrillation of various etiology, are reported. Restoration of sinus rhythm was observed in 69 patients (71.8%). Stable sinus rhythm, followed up for 1-3 years, was noted in 40 patients (50%). Indications for use of quinidine in auricular fibrillation are investigated and the possibilities of attaining a stable sinus rhythm with the aid of quinidine are discussed.
--- G.I. Arsen'yev

Card 1/1

ZERA, Edmund; HOFFMAN, Maria; JANIK, Zofia; IIMURZYNsKA, Krystyna;
KRZYZANOWSKA, Regina

Rehabilitation of myocardial infarction patients under
sanatorial conditions. Pol. tyg. lek. 18 no, 34:1264-1267
19 Ag '63.

1. Z Kardiologicznego Ośrodka Rehabilitacji Poszpitalnej w
Sanatorium w Naleczowie i z Kliniki Kardiologii Studium
Doskonalenia Lekarzy w AM w Warszawie; kierownik: prof. dr
med. Edmund Zera.

(MYOCARDIAL INFARCT) (REHABILITATION)

ZERA, Edmund; MOJKOWSKA, Halina

Restoration of the sinus rhythm in mitral stenosis following
commissurotomy. Pol. arch. med. wewnet. 34 no.4:455-460 '64

1. Z Kliniki Kardiologii Studium Doskonalenia Lekarzy w
Akademii Medycznej w Warszawie (Kierownik: prof. dr. med.
E. Zer).

ZERA, Edmund; MOJKOWSKA, Halina

Evaluation of therapeutic results in subacute bacterial endocarditis according to data on 140 cases. Polskie arch. med. wewnetrz. 30 no.10:1303-1310 '60.

1. Z Kliniki Kardiologii Studium Doskonalenia Lekarzy w Akademii Medycznej w Warszawie i Oddzialu Kardiologicznego Szpitala Miejskiego nr 6 w Warszawie. Kierownik: prof. dr med. E. Zera.

(ENDOCARDITIS SUBACUTE BACTERIAL ther)

ZERA, Edmund; HOFFMAN, Maria

Studies on the behavior of glutamic-acete-exalic transaminase,
aldolase and c-reactive proteins in myocardial infarction.
Polskie arch. med. wewnetrz. 31 no.2:217-225 '61.

1. Z Kliniki Kardiologii Studium Doskonalenia Lekarszy A.M. w
Warszawie Kierownik: prof. dr med. E. Zera.

(MYOCARDIAL INFARCT blood) (TRANSAMINASES blood)
(ALDOLASE blood) (C-REACTIVE PROTEINS blood)

ZERA, Edmund

Cardiac disorders in gastrointestinal diseases. Wiadomosci lek. ?
no.10:509-515 Oct 54.

(HEART, in various diseases,

gastrointestinal dis.)

(GASTROINTESTINAL DISEASES, physiology,
heart)

ZERA, Edmund

Migraines in cardiovascular diseases. Wiad. lek. 18 no.19:
1493-1497 10 '65.

1. Z Kliniki Kardiologii Studium Doskonalenia Lekarzy w
AM w Warszawie (Kierownik: prof. dr. med. E. Zera).

ZEEA E.

Odd. Chorob Ukl., Krazenia, Szpit. Miejskiego Nr. 6, Warszaw
*Wyniki kliniczne leczenia przewlekzej niewydolnosci krazenia
dieta niskosodowa. Clinical results of a low sodium diet in the
treatment of chronic congestive heart failure. POLSK. TYG. LEK.
1953, 8/34 (1161-1169) Graphs 2 Tables 3

The diet, containing 350-500 mg. of sodium and 2000 cal. daily was given to 72 patients. It was very successful, particularly in serious cases resistant to routine therapeutic measures. The best results were obtained in cases of coronary heart disease with myocardial degeneration and good results in chronic cor pulmonale; they were unsatisfactory in mitral stenosis. Blood sodium decreased by an average of 23.6 % after this treatment. The fluid intake should not be limited.

Gibinski - Bytom

SO: EXCERPTA MEDICA, Vol. 8, No. 5, Section VI, May 1954

POLAND

ZERA, Edmund, Prof. Dr., Director of Cardiology Clinic (Klinika Kardiologii), Physicians' Postgraduate Training Program (Studium Doskonalenia Lekarzy), AM [Akademia Medyczna, Medical Academy] in Warsaw

"Selected Problems of Clinical Aspects of Atrial Arrhythmias."
Warsaw, Polski Tygodnik Lekarski, Vol 18, No 39, 23 Sep 63,
pp 1455-1459

Abstract: Lecture delivered before Polish Cardiological Society (Polskie Towarzystwo Kardiologiczne) meeting in Lodz. Author notes that atrial arrhythmias, clinically most frequently manifested as premature beat, atrial tachycardia, and atrial flutter or fibrillation, are sometimes difficult to detect and may not involve circulatory difficulties, but mostly do, and it is the consequences of these circulatory disturbances which determine the danger of the illness and the urgency of treatment. He then discusses in detail premature beats, paroxysmal supraventricular tachycardia, atrial flutter and atrial fibrillation, their hemodynamics and their determination, and concludes by discussing diagnostic procedures and treatment, with special note of the most recent anti-arrhythmic drugs. There are 14 Western references.

1/1

ZERA, Edmund; KRZYZANOWSKA, Regina

Symmetric peripheral gangrene consecutive to paroxysmal
ventricular tachycardia. Polski tygod lek 15 no.11:392-395
14 Mr '60.

1. Z Zakładu Kardiologii Studium Doskonalenia Lekarzy A.M. w
Warszawie; kierownik: prof. dr med. Edmund Zera.
(TACHYCARDIA compl.)
(GANGRENA stiol.)

ZERA, Edmund; JAGIEJSKI, Stanislaw

Studies on restoration of sinus rhythm in auricular fibrillation with the aid of quinidine. Polski tygod. lek. 12 no.23:867-871 3 June 57.

I. Z Zakladu Kardiologii Inst. Dosk. i Specj. Kadr Lek. oraz z Oddzialu Kardiologicznego Szpitala Miejskiego 6 w Warszawie; kierownik: prof dr. med. Edmund Zera. Adres: Warszawa, ul. Goscicynskiego 1.

(AURICULAR FIBRILLATION, therapy,

quinidine, restoration of auric. fibrill. (Pol))

(QUINIDINE, therapeutic use,

auric. fibrill., restoration of auric. fibrill (Pol))

ZERA, Edmund

In memoriam Mscwoj Semerau-Siemianowski. Kardiol. polska
l no.3-4:13-17 1955.

(OBITUARIES.

Semerau-Siemianowski, Mscwoj (Pol))

POLAND

ZERA, Edmund, HOFFMAN, Maria, JANIK, Zofia, ILMURZYNsKA, Krystyna, and KRZYZANOWSKA, Regina; Post-hospital Cardiological Rehabilitation Center (Kardiologiczny Ośrodek Rehabilitacji Pospitalnej) at the Sanatorium in Naleczów and Cardiology Clinic (Klinika Cardiologiczna) of the Physicians' Postgraduate Training Program (Studium Doskonalenia Lekarzy), AM [Akademia Medyczna, Medical Academy] in Warsaw (Director: Prof. Dr. med. Edmund ZERA)

"Rehabilitation of Patients with Myocardial Infarction."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 34, 19 Aug 63,
pp 1264-1267

Abstract: [Authors' English summary modified] Authors report on procedures and determinations used to ascertain the effectiveness of sanatorium rehabilitation on patients with a history of myocardial infarction. They found the procedure helpful to patients recovery and determination of capacity for work. Effectiveness of rehabilitation depended more on extent of original injury than on the age, sex, localization, complications during first attack, and number of attacks. 8 refs: 3 Polish, 8 Western.

1/1

ACC NR: AR6027462

SOURCE CODE: UR/0044/66/000/005/B051/B051

AUTHOR: Zeragia, P. K.

TITLE: Solution of boundary problems for a nonlinear hyperbolic differential equation with the generalized Chaplygin method

SOURCE: Ref. zh. Matematika, A¹s. 5B247

REF SOURCE: Tr. Tbilissk. un-ta, v. 110, 1965, 145-154

TOPIC TAGS: nonlinear equation, hyperbolic equation, boundary value problem, differential equation

ABSTRACT: Gurs and Koshi problems for the equation $u_{xy} = f(x,y,u,p,q)$, where f does not diminish after the last three arguments, reduce to an integral equation for which the theorem of integral inequality applies. Successive approximations, with a proper choice of the zero point, result in a uniform convergence to the solution of the differential equation. [Translation of abstract] N. Azbelev, Z. Tsalyuk

SUB CODE: 12

Card 1/1

UDC: 517.919

ZERAGIYA, D.P.

Variational theory of nonlinear equations. Soob. AN Gruz. SSR
29 no.2:135-142 Ag '62. (MIRA 18:3)

1. Tbilisskiy gosudarstvenny universitet. Submitted July 15, 1961.

ZERAGIYA, D.P.

Solution of Dirichlet's problem for certain nonlinear elliptic
equations. 9-14. J1 '63. (MIRA 17:7)

I. Vychislitel'nyy tsentr AN Gruzinskoy SSR, Tbilisi. Pred-
stavлено akademikom V.D. Kupradze.

LEBSADZE, T.N.; NAKASHVILI, G.A.; YELIGULASHVILI, I.A.; TALAKVAIZE, M.V.;
ZERAGIYA, E.M.

Synthesis and electrophysical properties of polymers obtained
by the polycondensation of acetone and 4,4'-diacetyl-p-ter-
phenyl with terephthalaldehyde. Soob. AN Gruz. SSR 39
no.1:75-79 Jl '65. (MIRA 18:10)

1. Institut kibernetiki AN GruzSSR, Tbilisi. Submitted
February 22, 1965.

ACCESSION NR: AP4038711

S/0251/64/034/001/0003/0010

AUTHOR: Zeragiya, P. K.

TITLE: Solution of a nonlinear integrodifferential equation by the method of upper and lower functions (Presented by Academician V. D. Kupradze on 15 September 1963)

SOURCE: AN GruzSSR. Soobshcheniya, v. 34, no. 1, 1964, 3-10

TOPIC TAGS: nonlinear integrodifferential equation, upper function, lower function, initial condition, existence, uniqueness, contracting mapping, integration limit, functional inequality

ABSTRACT: With the help of functional inequalities, under certain assumptions on the functions F and K, the author constructs sequences of upper and lower functions which converge uniformly to the desired solution of the nonlinear integrodifferential equation

$$y''(x) = F \left[x, \lambda \int_a^x K(x, t, y(t), y'(t)) dt \right] \quad (1)$$

Card 1/2

ACCESSION NR: AP4038711

in each finite interval $[a, b]$. She wishes to find a function $y(x)$ which is continuous and has continuous first and second derivatives in $[a, b]$, and which satisfies, in this interval, equation (1) and the initial conditions

$$y(a) = y_0, \quad y'(a) = y'_0, \quad (2)$$

where a, b, y_0, y'_0 are given numbers. A proof of existence of a unique solution for (1) with constant upper limit of integration, for sufficiently small $|\lambda| (b-a)$, with the help of the contracting mapping principle, was given by O. Zhenkhan (O sushchestvovanii i yedinstvennosti reshenii integro-differentsial'nykh uravnenii. DAN SSSR, t. LXXXVI, No. 2, 1952). Orig. art. has: 9 formulas.

ASSOCIATION: Tbilisskiy gosudarstvennyy universitet (Tbilisi State University)

SUBMITTED: 15Sep63 DATE ACQ: 04Jun64 ENCL: 00

SUB CODE: MA NO REF Sov: 001 OTHER: 000

Card 2/2

ZERAGIYA, P.K.

Solving a basic boundary problem for a system of differential equations
of the parabolic type of Chaplygin's method. Soob.AN Gruz.SSR 26
no.3:257-264 Mr '61. (MIRA 14:4)

1. Tbilisskiy gosudarstvennyy universitet imeni Stalina. Predstavleno
akademikom V.D.Kupradze. (Differential equations)

ZERAGIYA, P.K.

Solution of boundary value problems for parabolic type equations
by the method of potentials. Soob.AN Gruz. SSR 15 no.9:569-573
'54. (MIRA 8:9)

1. Tbilisskiy gosudarstvennyy universitet imeni Stalina. Pred-
stavлено deyatvitel'nym chlenom Akademii V.D.Kupradze.
(Differential equations, Partial)

L 19430-63

EWT(d)/FCC(w)/BDS AFITC/IJP(C)

ACCESSION NR: AR3005385

s/0044/63/000/006/V007/V007

54

SOURCE: RZh. Matematika, Abs. 6V17

AUTHOR: Zeragya, P. K.

TITLE: On the application of Charlygin's method to the solution of the basic boundary value problem for a single non-linear equation of the parabolic type

CITED SOURCE: Tr. Tbilissk. un-ta, v. 84, 1961(1962), 117-125.

TOPIC TAGS: Chaplygin method, numerical method, non-linear parabolic equation, Lyapunov surface, boundary value problem

TRANSLATION: In region D of an n-dimensional space R bounded by a closed Lyapunov surface S, the author considers a nonlinear differential equation of the parabolic type

$$\sum_{i,j=1}^n a_{ij}(x, t) \frac{\partial^2 u}{\partial x_i \partial x_j} - \frac{\partial u}{\partial t} = f(x, t, u). \quad (1)$$

where $x(x_1, x_2, \dots, x_n)$ is a point in space R; t varies over the segment $[0, T]$, the coefficients $a_{ij}(x, t)$ ($i, j = 1, 2, \dots, n$) are continuous functions in the region

Card 1/2

L 19430-63

ACCESSION NR: AR3005385

$x \in D + S$, $0 \leq t \leq T$, and the quadratic form $\sum_{i,j=1}^n a_{ij}t^i u^j$

is positively defined in the same region. In earlier studies the author applied Chaplygin's method to the solution of nonlinear parabolic equations. The function $f(x, t, u)$ was assumed continuous along with f'_u and $f''_u > 0$ for $x \in D + S$, $0 \leq t \leq T$ and $-\infty < u < +\infty$. In the present study he establishes the basic differential inequalities and proves the existence and singularity of the solution of the basic boundary problem for equation (1) with the following assumptions: $f(x, t, u)$ is continuous in the region $x \in D + S$, $0 \leq t \leq T$, $-\infty < u < +\infty$; $f(x, t, u)$ is a monotonically increasing function of u , i.e., if $u_1 \leq u_2$, then $f(x, t, u_1) \leq f(x, t, u_2)$. M. Aleksidze.

DATE ACQ: 24Jul63

SUB CODE: LM

ENCL: 00

Card 2/2

ACC NR: AR6027463

SOURCE CODE: UR/0044/66/000/005/B051/B051

AUTHOR: Zeragiya, P. K.

TITLE: Solution of a hybrid problem for a nonlinear hyperbolic equation with a generalized Chaplygin method

SOURCE: Ref. zh. Matematika, Abs. 5B248

REF SOURCE: Tr. Tbilissk. un-ta, v. 110, 1965, 155-162

TOPIC TAGS: hyperbolic equation, nonlinear equation, approximation method, integral relation

ABSTRACT: The Chaplygin approximation method, based on the theorem of integral inequality, is proposed for solution of the equation $u_{xy} = f(x,y,u)$ ($\frac{\partial f}{\partial y} > 0$) with conditions $u(x,y) \Big|_{y=y_0} = 0$, $u(x,y) \Big|_L = 0$ on the characteristic y_0 and curve L.

[Translation of abstract] N. Azbelev, Z. Tsalyuk

SUB CODE: 12

Card 1/1

UDC: 517.919

ZERAGIYA, P.K.

Academician S.A. Chaplygin's method for solving basic boundary problems for nonlinear differential equations of the parabolic type. Soob. AN Gruz. SSR 17 no.2:103-109 '56. (MLRA 9:8)

1. Tbilisskiy gosudarstvennyy universitet imeni Stalina. Predstavleno deystvitel'nym chленом Akademii V.D. Kupradze.
(Differential equations)

ZERAGIYA, P.K.

Boundary value problems for certain nonlinear parabolic equations,
Trudy Mat. inst. AN Cruz. SSR 24:195-221 '57. (MIRA 11:3)
(Differential equations, Partial)

ZERAGIYA, P. K. Doc Phys-Math Sci -- (diss) "Some Problems of
the Theory of Parabolic-Type Equations". Tbilisi, 1957. 7 pp 21 cm.
(Tbilisi State Univ ~~Inst~~ im I. V. Stalin), 200 copies (KL, 17-57, 94)

ZERAGIYA, P.K.

Using S.A.Chaplygin's method to find the approximate solution of
a nonlinear parabolic equation. Soob.AM Gruz.SSR 13 no.6:647-654
Je '57. (MIRA 10:10)

1. Tbilisskiy gosudarstvennyy universitet im. I.V.Stalina.
Predstavлено академиком V.D.Kupradze.
(Differential equations, Partial)

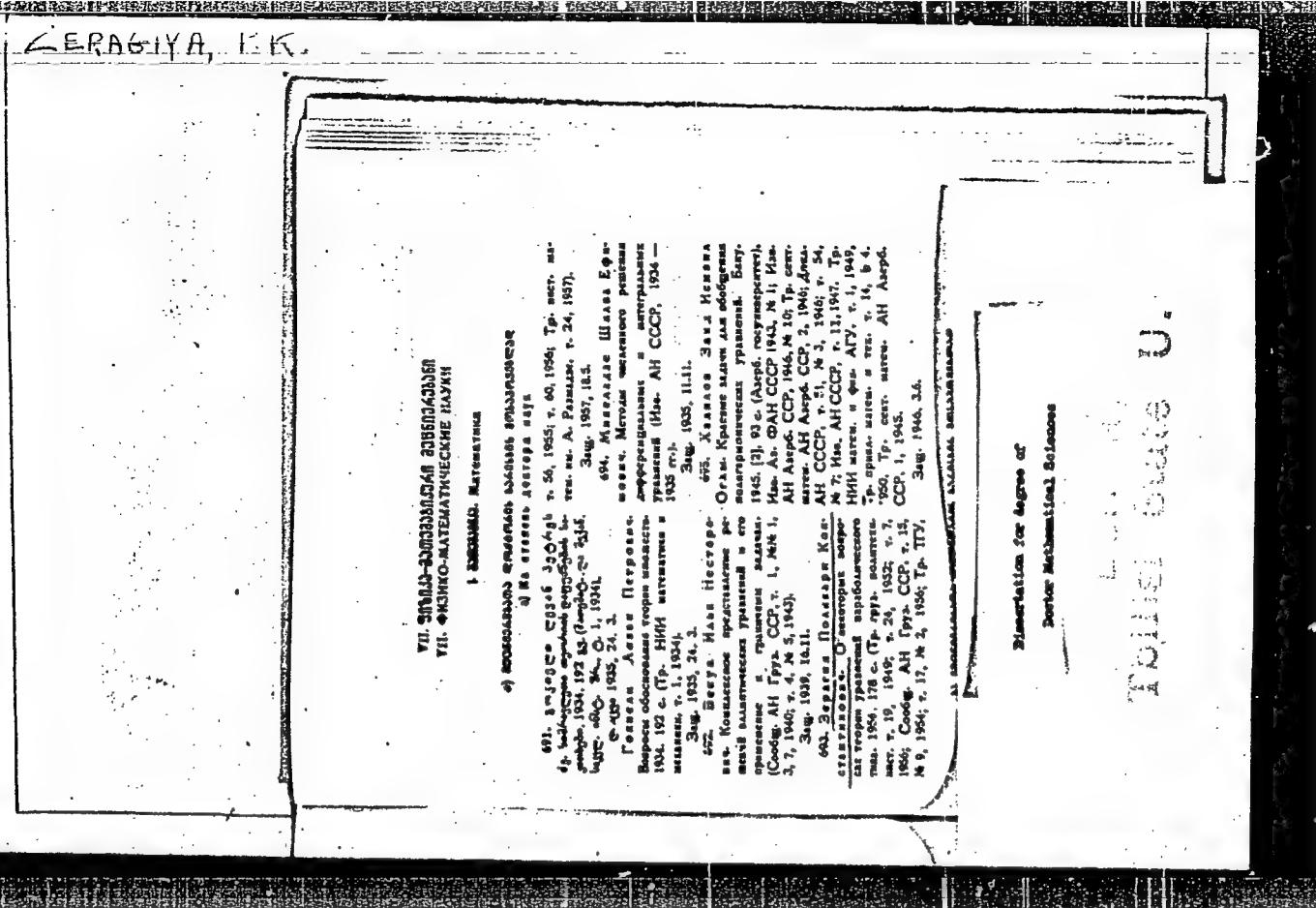
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CIA-RDP86-00513R001964510001-4"

GERASIMOV, K.K.



SERAFIMOV, K.; ZERAJIC, D.; PEEV, A.

A case of secondary echinococcosis of the spleen. Acta chir. Jugosl.
9 no.1:74-79 '61.

1. Hirurska klinika Medicinskog fakulteta u Skopju (Upravnik prof.
dr B. Dragojevic).
(ECHINOCOCCOSIS case reports) (SPLEEN dis)

SERAFIMOV, K.; ZERAJIC, D.

Mucocoele of the appendix (apropos of one of our cases) Acta chir.
iugosl. 8(9) no.2:142-147 '61.

1. Hirurska klinika Medicinskog fakulteta u Skopju (Upravnik prof.
dr B. Pragojevic)

(APPENDIX diseases)

ZERAVICA, M., ing,

The international study group on lead and zinc. Rudar glasnik no.3:
83-84 '62.

1. Savezni zavod za privredno planiranje, Beograd.

DIZDAR, Vojno, inz.; BULJAN, Vladimir, inz.; KNEZEVIC, Ljubica;
MIRKOV, Kornelije, inz.; NIKOLIC, Branka; PANJKOVIC, Vasilijs;
RADOVANOVIC, Predrag, inz.; RAJNER, Ernest, inz.;
STOKRPA, Dragic; SURIC, Stjepan, inz.; ZERAVICA, Marko, inz.

Development of the chemical industry in Yugoslavia.
Alm hem ind 51-196 '62.

"APPROVED FOR RELEASE: 09/19/2001

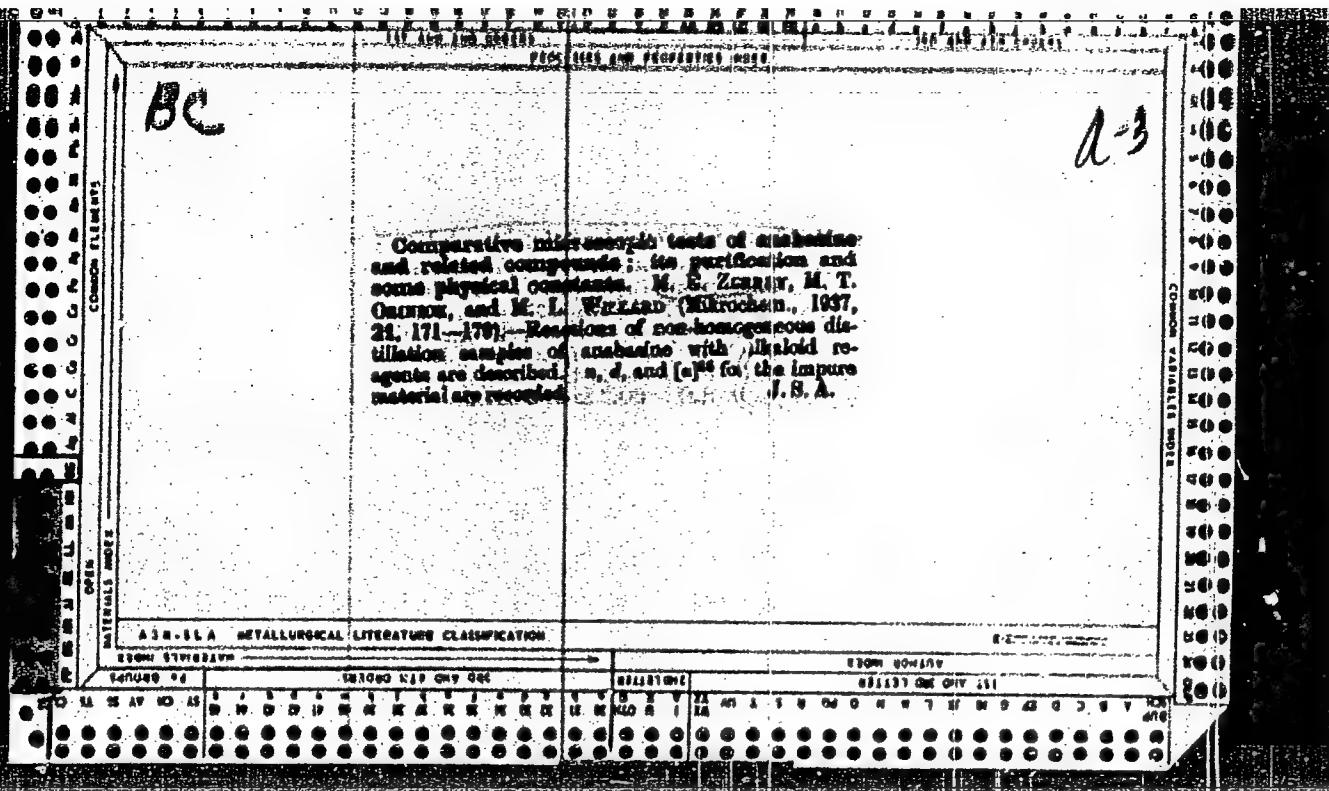
CIA-RDP86-00513R001964510001-4

28

A report of the 10th International Commission for Uni-
form Methods of Sugar Analyses in Brussels in 1949.
F. W. Zerban, *Listy Cukrovar*, 66, 49-81(1949).
Frank Murek

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R001964510001-4"



MICHEJDA, Jan, doc. dr; KASPRZAK, Leokadia, M.Sc.; OBUCHOWICZ,
Ludwik, dr; ZERBE, Teresa, M.Sc.

Respiratory metabolism in the snail, *Helix pomatia*.
Pt. 3. Sciences biol Biul Poznan no.4:115-134 '64.

1. Department of Animal Physiology, A. Mickiewicz University,
Poznan.

OBUCHOWICZ, Ludwik, dr.; ZERBE, Teresa, mgr

Cytochrome C oxidase activity in hepatopancreas of the snail
Viviparus viviparus L. Sciences biol Biul Poznan no.3:39-46
'62.

1. Department of Animal Physiology, Adam Mickiewicz University,
Poznan.

ZERBINO, D.D. (Chernovitsy, Universitetskaya ul., 12, kv.9)

Senile changes in the efferent lymphatic vessels. Arkh. anat. gist.
embr. 39 no. 10:37-42 O '60. (MIRA 14:2)

1. Kafedra patologicheskoy anatomii (zav. - prof. N.M. Shinkerman)
Chernovitskogo meditsinskogo instituta.
(LYMPHATICS) (AGING)

ZERBINO, D.D. (Chernovtsay)

Changes in the lymphatic system in chronic blood circulation insufficiency. Arkh. pat. 27 no.9:11-16 '65.

(MIRA 18:12)

1. Kafedra patologicheskoy anatomii (sav.- prof. N.M. Shinkerman)
Chernovitskogo meditsinskogo instituta. Submitted December 25, 1963.

ZEMBINO, D.D.

Rare case of hernia of the diaphragm. Vrach.delo no. 6:635-637
Jo '58 (MIRA 11:?)

1. Katedra topograficheskoy anatomii i operativnoy khirurgii
(zav. - dots. N.P. Novikov) Chernovitskogo meditsinskogo instituta.
(DIAPHRAGM--HERNIA)

USSR / Human and Animal Morphology, Normal and Pathological.
Lymphatic System.

3

Abs Jour : Ref Zhur - Biol., No 8, 1958, № 35987

Author : Zerbino, D. D.

Inst : Not given

Title : Concerning the Perivascular Lymphatic Vessels.

Orig Pub : Arkhiv. anatomii, histol. i embriologii, 1957, 34, No. 5
35-39.

Abstract : The perivascular lymphatic vessels (PLV) of the liver (20), lung (11), diaphragma (14), and testicles (35) in the fetus, newborn, children and adults were studied on microscopic sections after the injection of the Jerome and Spehand' mass or on histological specimens. A difference of forms of PLV in various organs were discovered. Around the large branches of the portal vein and the testicular artery, PLV are arranged

Card 1/2

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ZERBINO, D.D.

ZERBINO, D.D. (Chernovitsy, ul. Fed'kovicha, 1.19, kv.1)

Perivascular lymph vessels. Arkh.anat.gist. i embr. 34 no.5:35-39
S-O '57. (MIRA 11:1)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomi (zav. -
dota. N.P. Novikov) Chernovitskogo meditsinskogo instituta.

(LYMPHATIC VESSELS, anat. and histol.

perivas.)

(BLOOD VESSELS, anat. and histol.

perivas. lymphatic vessels)

ZERBINO, D.D.

Method for studying the valves of the lymphatic vessels [with summary in English]. Biul.eksp.biol. i med. 45 no.2:125-126 F '58

(MIR 11:5)

1. Iz kafedry topograficheskoy anatomii (zav. - dots. N.P. Novikov) Chernovitskogo meditsinskogo instituta (dir. - dots. M.M. Kovalev)

(LYMPHATIC VESSELS, anatomy and histology
valves, methods of investigation (Rus))

ZERBINO, D. D.

"The intraorganic lymphatic systems of the ovary, adnexa, membranes, and seminal vesicle." Kiev Order of Labor Medical Inst imeni Academician A. A. Gogomolets. Kiev, 1956. (Dissertations for the Degree of Candidate in Medical Science)

So: Knizhaya letopis', No. 16, 1956

MALYKIN, R.J.; KSANPOULO, Z.A.; BRUJEVIC, T.S.; ZERCALOVA, G.Z.

Role of the nervous system in the pathogenesis of eczema and neuro-
dermatitis. Cesk.derm. 26 no.6:213-214 June 51. (CIML 21:1)

PANKRATOV, A.V.; ZERCHENINOV, A.N.; TALAKIN, O.G.; SOKOLOV, O.M.;
KNYAZEVA, N.A.

Standard enthalpy of the formation of an active isomer of
difluorodiazine. Zhur. fiz. khim. 37 no.6:1399-1401 Je '63.
(Diazine) (Heat of formation) (MIRA 16:7)

ZERCHANINOV, I.K.

Hydrogeology in the Volga Valley portion of Saratov and Stalingrad Provinces. Geol. nefti i gaza no.1:30-36 Ja '60. (MIRA 13:10)

1. Vsesoyuznyy nefte-gazovy nauchno-issledovatel'skiy institut.
(Saratov Province--Water, Underground)
(Stalingrad Province--Water, Underground)